57   (modif$6 near4 frame$1) and ((((fricat$5 or plosive$1 or stop$1) near2 (recogni$5 or identif$7 or spot$4
        or classif$9 or determin$4))) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
        2003/11/13 14:12

22   ((((modif$6 or increas$4 or decreas$4 or reduc$4) near4 frame$1) and ((((fricat$5 or plosive$1 or
        stop$1) near2 (recogni$5 or identif$7 or spot$4 or classif$9 or determin$4)))) and ((speech$9 or
        speak$9 or voic$9 or talk$9 or spoken or locut$9 or vocal$9 or phonem$9 or phonet$9 or
        articulat$9 or verbal$9 or oral$9).ti,ab.)   USPAT; US-PGPUB; EPO; JPO; DERWENT;
        IBM_TDB   2003/11/13 14:12

12   ((modif$6 or increas$4 or decreas$4 or reduc$4) near4 frame$1).ti,ab. and ((((fricat$5 or plosive$1 or
        stop$1) near2 (recogni$5 or identif$7 or spot$4 or classif$9 or determin$4)))   USPAT; US-
        PGPUB; EPO; JPO; DERWENT; IBM_TDB 2003/11/13 14:58

41   (fricative$1 or vowel$1 or consonant$1 or plosive$1 or unvoic$7).ti,ab. same (percept$4 or intelligib$7)
        USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   2003/11/13 15:00

55   ((((speech near (type kind)) or (phoneme near (type kind class group))) near2 (recogni$5 or identif$7 or
        spot$4 or classif$9)).ti,ab.   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
        2003/11/13 15:00

22   (modif$6 near4 frame$1).ti,ab. and (percept$4 or intelligib$7)   USPAT; US-PGPUB; EPO; JPO;
        DERWENT; IBM_TDB2003/11/13 15:01

129   (((((modif$6 or increas$4 or decreas$4 or reduc$4) near4 frame$1).ti,ab. and ((((fricat$5 or plosive$1
        or stop$1) near2 (recogni$5 or identif$7 or spot$4 or classif$9 or determin$4)))) ((modif$6 near4
        frame$1).ti,ab. and (percept$4 or intelligib$7)) (((fricative$1 or vowel$1 or consonant$1 or
        plosive$1 or unvoic$7).ti,ab. same (percept$4 or intelligib$7))) (((((speech near (type kind)) or
        (phoneme near (type kind class group))) near2 (recogni$5 or identif$7 or spot$4 or
        classif$9)).ti,ab.))   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   2003/11/13
        15:01

78   ((modif$6 or increas$4 or decreas$4 or reduc$4) near4 frame$1) and ((fricat$5 or vowel$1 or
        consonant$1 or plosive$1 or unvoic$7 or stop$1) same (percept$4 or intelligib$7))
        USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   2003/11/13 15:32

47   ((modif$6 or increas$4 or decreas$4 or reduc$4) near4 frame$1) and (((((speech near2 (type kind)) or
        ((phonem$4 or phonet$4) near (type kind class group))) near2 (recogni$5 or identif$7 or spot$4
        or classif$9))) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   2003/11/14 13:37

85   ((modif$6 or increas$4 or decreas$4 or reduc$4 or alter$4) near2 frame$1) same ((enhanc$4 or
        improv$4 or better or increas$4) NEAR2 (speech$9 or speak$9 or voic$9 or talk$9 or spoken or
        locut$9 or vocal$9 or phonem$9 or phonet$9 or articulat$9 or verbal$9 or oral$9))
        USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   2003/11/14 13:54

20   (((modif$6 or increas$4 or decreas$4 or reduc$4 or alter$4) near2 (amplitude or power or level)) near2
        frame$1) and ((enhanc$4 or improv$4 or better or increas$4) NEAR2 (speech$9 or speak$9 or
        voic$9 or talk$9 or spoken or locut$9 or vocal$9 or phonem$9 or phonet$9 or articulat$9 or
        verbal$9 or oral$9)) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   2003/11/14
        13:58

92   (((modif$6 or increas$4 or decreas$4 or reduc$4 or alter$4 or chang$4 or boost$4) near4 (amplitude or
        power or level)) near4 frame$1) same (fricat$5 or vowel$1 or consonant$1 or plosive$1 or
        unvoic$7 or stop$1) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   2003/11/14
        14:18

10   (((modif$6 or increas$4 or decreas$4 or reduc$4 or alter$4 or chang$4 or boost$4) near4 (amplitude or
        power or level)) near4 frame$1) and ((enhanc$4 or improv$4 or better or increas$4) NEAR2 (
        fricat$5 or vowel$1 or consonant$1 or plosive$1 or unvoic$7 or stop$1)) USPAT; US-PGPUB;
        EPO; JPO; DERWENT; IBM_TDB   2003/11/14 14:22

42   celp and ((enhanc$4 or improv$4 or better or increas$4) NEAR2 (fricat$5 or vowel$1 or consonant$1
        or plosive$1 or unvoic$7 or stop$1)) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
        2003/11/14 14:36

November 17, 2003
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